BRUHAT BANGALORE MAHANAGARA PALIKE

First & Final Bill

Name of Work: Improvements to roads and drains in Hegdenagara West 3rd and 4th cross Ward No - 06

Item No:	1	
Item Name:	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
Date of Measurement:-	01-07-2020 To 24-07-2020							
RCC DRAIN								
Hegde nagar								
1st Cross road(East Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	180.00	1	30.00	1.10	1.10	36.30	
	180.00	210.00	1	30.00	1.10	1.10	36.30	
	210.00	240.00	1	30.00	1.10	1.10	36.30	
	240.00	267.00	1	27.00	1.10	1.10	32.67	
1st Cross road(West Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	180.00	1	30.00	1.10	1.10	36.30	
	180.00	210.00	1	30.00	1.10	1.10	36.30	
	210.00	240.00	1	30.00	1.10	1.10	36.30	
	240.00	267.00	1	27.00	1.10	1.10	32.67	

Assistant/Junior Engg

Asst . Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
2nd Cross road 1st main North (East Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	109.20	1	19.20	1.10	1.10	23.23	
2nd Cross road 1st main North (West Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	180.00	1	30.00	1.10	1.10	36.30	
	180.00	210.00	1	30.00	1.10	1.10	36.30	
	210.00	240.00	1	30.00	1.10	1.10	36.30	
	240.00	268.50	1	28.50	1.10	1.10	34.49	
2nd Cross road 1st main South(upto 2nd main West Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	180.00	1	30.00	1.10	1.10	36.30	
	180.00	181.10	1	1.10	1.10	1.10	1.33	
3rd Cross road(East Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	180.00	1	30.00	1.10	1.10	36.30	
	180.00	187.00	1	7.00	1.10	1.10	8.47	
3rd Cross road(West Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	

Assistant/Junior Engg

Asst . Executive Engineer

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SLNO	CHAINAGE		NO	L	B	D	QTY	unit
	Land Mark			(m)	(m)	(m)		
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	180.00	1	30.00	1.10	1.10	36.30	
	180.00	187.00	1	7.00	1.10	1.10	8.47	
8th Cross Road (East Side)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	180.00	1	30.00	1.10	1.10	36.30	
	180.00	210.00	1	30.00	1.10	1.10	36.30	
	210.00	217.00	1	7.00	1.10	1.10	8.47	
8th Cross Road (West Side) 21/07/2020								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	180.00	1	30.00	1.10	1.10	36.30	
	180.00	210.00	1	30.00	1.10	1.10	36.30	
	210.00	217.00	1	7.00	1.10	1.10	8.47	
Rachenalli road(masjid road)								
	0.00	30.00	1	30.00	1.10	1.10	36.30	
	30.00	60.00	1	30.00	1.10	1.10	36.30	
	60.00	90.00	1	30.00	1.10	1.10	36.30	
	90.00	120.00	1	30.00	1.10	1.10	36.30	
	120.00	150.00	1	30.00	1.10	1.10	36.30	
	150.00	173.10	1	23.10	1.10	1.10	27.95	
Cross Road								
	0.00	29.50	1	29.50	1.10	1.10	35.70	
RCC CULVERT								
2nd cross road								

Assistant/Junior Engg

Asst . Executive Engineer

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DATE OF MEASUREMENTS :- 24-07-2020

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
	0.00	14.00	1	14.00	1.40	1.20	23.52	
							Total Qty Work Done	2568.63	
							Qty Payable in this bill	2568.63	
							Qty Limited to	2568.63	Cum

Contractor

Assistant Engineer
Yelahanka Project

JSR CIVIL INFRA PVT LTD BANGALORE

Project Management Consultants

24/07/2020

Asst.Executive Engineer
Yelahanka Project

Assistant/Junior Engg

Asst . Executive Engineer

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Final Bill

Name of Work: Improvements to roads and drains in Hegdenagara West 3rd and 4th cross Ward No - 06

2	

KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-

CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
Date of Measurement:- 29-07-2020 To 25/10/2020							
RCC DRAIN							
Hegde nagar							
1st Cross road(East Side)							
0.00	30.00	1	30.00	1.10	0.15	4.95	
30.00	60.00	1	30.00	1.10	0.15	4.95	
60.00	90.00	1	30.00	1.10	0.15	4.95	
90.00	120.00	1	30.00	1.10	0.15	4.95	
120.00	150.00	1	30.00	1.10	0.15	4.95	
150.00	180.00	1	30.00	1.10	0.15	4.95	
180.00	210.00	1	30.00	1.10	0.15	4.95	
210.00	240.00	1	30.00	1.10	0.15	4.95	
240.00	267.00	1	27.00	1.10	0.15	4.46	
1st Cross road(West Side)							
0.00	30.00	1	30.00	1.10	0.15	4.95	
30.00	60.00	1	30.00	1.10	0.15	4.95	
60.00	90.00	1	30.00	1.10	0.15	4.95	
90.00	120.00	1	30.00	1.10	0.15	4.95	
120.00	150.00	1	30.00	1.10	0.15	4.95	
150.00	180.00	1	30.00	1.10	0.15	4.95	
180.00	210.00	1	30.00	1.10	0.15	4.95	
210.00	240.00	1	30.00	1.10	0.15	4.95	
240.00	267.00	1	27.00	1.10	0.15	4.46	

Assistant/Junior Engineer

Asst. Executive Engineer

Scanned by TapScanner

CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
2nd Cross road 1st main North (East Side)							
0.00	30.00	1	30.00	1.10	0.15	4.95	
30.00	60.00	1	30.00	1.10	0.15	4.95	
60.00	90.00	1	30.00	1.10	0.15	4.95	
90.00	109.20	1	19.20	1.10	0.15	3.17	
2nd Cross road 1st main North (West Side)							
0.00	30.00	1	30.00	1.10	0.15	4.95	
30.00	60.00	1	30.00	1.10	0.15	4.95	
60.00	90.00	1	30.00	1.10	0.15	4.95	
90.00	120.00	1	30.00	1.10	0.15	4.95	
120.00	150.00	1	30.00	1.10	0.15	4.95	
150.00	180.00	1	30.00	1.10	0.15	4.95	
180.00	210.00	1	30.00	1.10	0.15	4.95	
210.00	240.00	1	30.00	1.10	0.15	4.95	
240.00	268.50	1	28.50	1.10	0.15	4.70	
2nd Cross road 1st main South(upto 2nd main West Side)							
0.00	30.00	1	30.00	1.10	0.15	4.95	
30.00	60.00	1	30.00	1.10	0.15	4.95	
60.00	90.00	1	30.00	1.10	0.15	4.95	
90.00	120.00	1	30.00	1.10	0.15	4.95	
120.00	150.00	1	30.00	1.10	0.15	4.95	
150.00	180.00	1	30.00	1.10	0.15	4.95	
180.00	181.10	1	1.10	1.10	0.15	0.18	
3rd Cross road(East Side)							
0.00	30.00	1	30.00	1.10	0.15	4.95	
30.00	60.00	1	30.00	1.10	0.15	4.95	
60.00	90.00	1	30.00	1.10	0.15	4.95	
90.00	120.00	1	30.00	1.10	0.15	4.95	
120.00	150.00	1	30.00	1.10	0.15	4.95	
150.00	180.00	1	30.00	1.10	0.15	4.95	
180.00	187.00	1	7.00	1.10	0.15	1.16	
3rd Cross road(West Side)							
0.00	30.00	1	30.00	1.10	0.15	4.95	
30.00	60.00	1	30.00	1.10	0.15	4.95	

Assistant/Junior Engineer

Asst. Executive Engineer

Scanned by TapScanner

CHAINAGE		NO	L	B	D	QTY	unit
Land Mark			(m)	(m)	(m)		
60.00	90.00	1	30.00	1.10	0.15	4.95	
90.00	120.00	1	30.00	1.10	0.15	4.95	
120.00	150.00	1	30.00	1.10	0.15	4.95	
150.00	180.00	1	30.00	1.10	0.15	4,95	
180.00	187.00	1	7.00	1.10	0.15	1.16	
8th Cross Road (East Side)							
0.00	30.00	1	30.00	1.10	0.15	4.95	
30.00	60.00	1	30.00	1.10	0.15	4.95	
60.00	90.00	1	30.00	1.10	0.15	4.95	
90.00	120.00	1	30.00	1.10	0.15	4.95	
120.00	150.00	1	30.00	1.10	0.15	4.95	
150.00	180.00	1	30.00	1.10	0.15	4.95	
180.00	210.00	1	30.00	1.10	0.15	4.95	
210.00	217.00	1	7.00	1.10	0.15	1.16	
8th Cross Road (West Side)							
0.00	30.00	1	30.00	1.10	0.15	4.95	
30.00	60.00	1	30.00	1.10	0.15	4.95	
60.00	90.00	1	30.00	1.10	0.15	4.95	
90.00	120.00	1	30.00	1.10	0.15	4.95	
120.00	150.00	1	30.00	1.10	0.15	4.95	
150.00	180.00	1	30.00	1.10	0.15	4.95	
180.00	210.00	1	30.00	1.10	0.15	4.95	
210.00	217.00	1	7.00	1.10	0.15	1.16	
Rachenalli road(masjid road)							
0.00	30.00	1	30.00	1.10	0.15	4.95	
30.00	60.00	1	30.00	1.10	0.15	4.95	
60.00	90.00	1	30.00	1.10	0.15	4.95	
90.00	120.00	1	30.00	1.10	0.15	4.95	
120.00	150.00	1	30.00	1.10	0.15	4.95	
150.00	173.10	1	23.10	1.10	0.15	3.81	
Cross Road							
0.00	29.50	1	29.50	1.10	0.15	4.87	
RCC CULVERT							
2nd cross road							

Assistant/Junior Engineer

Asst. Executive Engineer

Scanned by TapScanner

28/10/2020

CHAINAGE		NO	L	B	D	QTY	unit
Land Mark			(m)	(m)	(m)		
0.00	14.00	1	14.00	1.40	0.15	2.94	
					Total Qty Work Done	350.00	
					Qty Payable in this bill	350.00	
					Qty Considered	350.00	Cum

VSR CIVIL INFRA PVT. LTD. BANGALORE

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Project

25/10/2020

Asst.Executive Engineer
Yelahanka Project

Assistant/Junior Engineer

Asst. Executive Engineer

Scanned by TapScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Final Bill

Name of Work: Improvements to roads and drains in Hegdenagara West 3rd and 4th cross

Ward No - 06

Item No:	3
Item Name:	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
Date of Measurement:-	25-11-2020	To	09/11/2020	To	17/11/2020			
RCC DRAIN Raft								
Hegde nagar								
1st Cross road(East Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	180.00	1	30.00	1.10	0.15	4.95	
	180.00	210.00	1	30.00	1.10	0.15	4.95	
	210.00	240.00	1	30.00	1.00	0.15	4.50	
	240.00	267.00	1	27.00	1.00	0.15	4.05	
1st Cross road(West Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	180.00	1	30.00	1.10	0.15	4.95	
	180.00	210.00	1	30.00	1.10	0.15	4.95	
	210.00	240.00	1	30.00	1.00	0.15	4.50	
	240.00	267.00	1	27.00	1.00	0.15	4.05	
2nd Cross road 1st main North (East Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.00	0.15	4.50	
	90.00	109.20	1	19.20	1.00	0.15	2.88	
2nd Cross road 1st main North (West Side)								

Assistant/Junior Engg

Asst. Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0,15	4.95	
	150.00	180.00	1	30.00	1.10	0.15	4.95	
	180.00	210.00	1	30.00	1.10	0.15	4.95	
	210.00	240.00	1	30.00	1.00	0.15	4.50	
	240.00	268.50	1	28.50	1.00	0.15	4.28	
2nd Cross road 1st main South(upto 2nd main West Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	180.00	1	30.00	1.00	0.15	4.50	
	180.00	181.10	1	1.10	1.00	0.15	0.16	
3rd Cross road(East Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	180.00	1	30.00	1.00	0.15	4.50	
	180.00	187.00	1	7.00	1.00	0.15	1.05	
3rd Cross road(West Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	180.00	1	30.00	1.10	0.15	4.95	
	180.00	187.00	1	7.00	1.00	0.15	1.05	
8th Cross Road (East Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	180.00	1	30.00	1.10	0.15	4.95	
	180.00	210.00	1	30.00	1.00	0.15	4.50	
	210.00	217.00	1	7.00	1.00	0.15	1.05	

Assistant/Junior Engg

CE & FC
K. Nanjappa 9/11

Asst. Executive Engineer

Scanned by TapScanner

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
8th Cross Road (West Side)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.10	0.15	4.95	
	150.00	180.00	1	30.00	1.10	0.15	4.95	
	180.00	210.00	1	30.00	1.00	0.15	4.50	
	210.00	217.00	1	7.00	1.00	0.15	1.05	
Rachenalli road(masjid road)								
	0.00	30.00	1	30.00	1.00	0.15	4.50	
	30.00	60.00	1	30.00	1.00	0.15	4.50	
	60.00	90.00	1	30.00	1.10	0.15	4.95	
	90.00	120.00	1	30.00	1.10	0.15	4.95	
	120.00	150.00	1	30.00	1.00	0.15	4.50	
	150.00	173.10	1	23.10	1.00	0.15	3.47	
Cross Road								
	0.00	29.50	1	29.50	1.00	0.15	4.43	
RCC DRAIN Wall								
Hegde nagar								
1st Cross road(East Side)								
	0.00	30.00	2	30.00	0.15	0.50	4.50	
	30.00	60.00	2	30.00	0.15	0.58	5.22	
	60.00	90.00	2	30.00	0.15	0.61	5.49	
	90.00	120.00	2	30.00	0.15	0.60	5.40	
	120.00	150.00	2	30.00	0.15	0.62	5.58	
	150.00	180.00	2	30.00	0.15	0.60	5.40	
	180.00	210.00	2	30.00	0.15	0.62	5.58	
	210.00	240.00	2	30.00	0.15	0.60	5.40	
	240.00	267.00	2	27.00	0.15	0.55	4.46	
1st Cross road(West Side)								
	0.00	30.00	2	30.00	0.15	0.56	5.04	
	30.00	60.00	2	30.00	0.15	0.61	5.49	
	60.00	90.00	2	30.00	0.15	0.60	5.40	
	90.00	120.00	2	30.00	0.15	0.62	5.58	
	120.00	150.00	2	30.00	0.15	0.60	5.40	
	150.00	180.00	2	30.00	0.15	0.60	5.40	
	180.00	210.00	2	30.00	0.15	0.59	5.31	
	210.00	240.00	2	30.00	0.15	0.58	5.22	
	240.00	267.00	2	27.00	0.15	0.50	4.05	
2nd Cross road 1st main North (East Side)								

Assistant/Junior Engg

Asst. Executive Engineer

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2nd Cross road 1st main South(upto 2nd main West Side)

3rd Cross road(East Side)

3rd Cross road(West Side)

0.00	30.00	2	30.00	0.15	0.60	5.40
30.00	60.00	2	30.00	0.15	0.62	5.58
60.00	90.00	2	30.00	0.15	0.61	5.49
90.00	120.00	2	30.00	0.15	0.62	5.58
120.00	150.00	2	30.00	0.15	0.60	5.40
150.00	180.00	2	30.00	0.15	0.60	5.40
180.00	187.00	2	7.00	0.15	0.57	1.20

8th Cross Road (East Side)

	0.00	30.00	2	30.00	0.15	0.56	5.04
	30.00	60.00	2	30.00	0.15	0.59	5.31
	60.00	90.00	2	30.00	0.15	0.60	5.40

Assistant Junior Engg

C&FC
JK Nandkumar 24/11/2023

Asst. Executive Engineer

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
	90.00	120.00	1	30.00	0.15	0.61	5.49	
	120.00	150.00	1	30.00	0.15	0.60	5.40	
	150.00	180.00	1	30.00	0.15	0.62	5.58	
	180.00	210.00	1	30.00	0.15	0.65	5.85	
	210.00	217.00	1	7.00	0.15	0.59	1.24	
8th Cross Road (West Side)								
	0.00	30.00	2	30.00	0.15	0.50	4.50	
	30.00	60.00	2	30.00	0.15	0.58	5.22	
	60.00	90.00	2	30.00	0.15	0.61	5.49	
	90.00	120.00	2	30.00	0.15	0.60	5.40	
	120.00	150.00	2	30.00	0.15	0.62	5.58	
	150.00	180.00	2	30.00	0.15	0.65	5.85	
	180.00	210.00	2	30.00	0.15	0.60	5.40	
	210.00	217.00	2	7.00	0.15	0.59	1.24	
Rachenalli road(masjid road)								
	0.00	30.00	2	30.00	0.15	0.55	4.95	
	30.00	60.00	2	30.00	0.15	0.60	5.40	
	60.00	90.00	2	30.00	0.15	0.61	5.49	
	90.00	120.00	2	30.00	0.15	0.61	5.49	
	120.00	150.00	2	30.00	0.15	0.62	5.58	
	150.00	173.10	2	23.10	0.15	0.58	4.02	
Cross Road								
	0.00	29.50	2	29.50	0.15	0.58	5.13	
RCC CULVERT Raft								
2nd cross road								
	0.00	14.00	1	14.00	1.20	0.23	3.86	
RCC CULVERT Wall								
2nd cross road								
	0.00	14.00	2	14.00	0.25	0.53	3.71	
RCC CULVERT Ramp concrete								
2nd cross road								
	0.00	14.00	2	14.00	1.50	0.15	6.30	
Approaches(For house side drain wall)								
			1	12.30	0.15	0.50	0.92	
			1	10.90	0.20	0.50	1.09	
			1	10.60	0.15	0.50	0.80	
			1	9.80	0.16	0.45	0.71	
			1	11.50	0.15	0.60	1.04	
			1	9.60	0.20	0.55	1.06	
			1	11.90	0.15	0.60	1.07	

Assistant/Junior Engg

Asst. Executive Engr

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
			1	13.00	0.17	0.55	1.22	
			1	10.00	0.15	0.55	0.83	
						Total Qty Work Done	728.33	
						Qty Payable in this bill	728.56	
						Qty Considered	728.33	Cum

VSR CIVIL INFRA PVT. LTD. BANGALORE

Contractor

Assistant Engineer
Yelahanka Project

Project Management Consultants

17/11/20

Asst.Executive Engineer
Yelahanka Project

Assistant/Junior Engg

Asst. Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

First & Final Bill

Name of Work: Improvements to roads and drains in Hegdenagara West 3rd and 4th cross Ward No - 06

Item No:	4	
Item Name:	KSRRB M2200-6. Providing **TMT Bars Fe 500 steel reinforcement for R.C.C.** work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design	

Sl no	Dia of Bar in mm	Side	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit
Date of Measurement- 23/10/2020 to 09/11/2020								
RCC Drain								
Hegde nagar								
1st Cross road(East Side)								
1	8	1	11	267.00	2937.00	0.40	1160.30	
2	10	1	2670	2.20	5874.00	0.62	3625.93	
1st Cross road(West Side)								
1	8	1	12	267.00	3070.50	0.40	1213.04	
2	10	1	2670	2.30	6141.00	0.62	3790.74	
2nd Cross road 1st main North (East Side)								
1	8	1	12	109.20	1255.80	0.40	496.12	
2	10	1	1092	2.30	2511.60	0.62	1550.37	
2nd Cross road 1st main North (West Side)								
1	8	1	12	268.50	3087.75	0.40	1219.85	
2	10	1	2685	2.30	6175.50	0.62	3812.04	
2nd Cross road 1st main South(upto 2nd main West Side)								
1	8	1	11	181.10	1992.10	0.40	787.00	
2	10	1	1811	2.20	3984.20	0.62	2459.38	
3rd Cross road(East Side)								
1	8	1	12	187.00	2150.50	0.40	849.58	
2	10	1	1870	2.30	4301.00	0.62	2654.94	
3rd Cross road(West Side)								
1	8	1	12	187.00	2150.50	0.40	849.58	
2	10	1	1870	2.30	4301.00	0.62	2654.94	
8th Cross Road (East Side)								

Assistant/Junior Engg

CAPC

Asst. Executive Engineer 23/10/2020

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Sl no	Dia of Bar in mm	Side	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Standard Weight per Meter in kgs	Weight of Steel in kgs	Unit
1	8	1	12	217.00	2495.50	0.40	985.88	
2	10	1	2170	2.30	4991.00	0.62	3080.86	
8th Cross Road (West Side)								
1	8	1	11	217.00	2387.00	0.40	943.01	
2	10	1	2170	2.20	4774.00	0.62	2946.91	
Rachenalli road(masjid road)								
1	8	1	12	173.10	1990.65	0.40	786.43	
2	10	1	1731	2.30	3981.30	0.62	2457.59	
Cross Road								
1	8	1	10	29.50	295.00	0.40	116.54	
2	10	1	295	2.00	590.00	0.62	364.20	
	Total Quantity of Steel in Kg's for RCC Drain only						**38805.23**	
RCC CULVERT								
2nd cross road								
1	10	2	11	14.00	308.00	0.62	1330.86	
2	12	2	140	2.20	616.00	0.89	3832.89	
	Total Quantity of Steel in Kg's for RCC Culvert only						**5163.75**	
Total Quantity of Steel in Kg's							**43969.0**	**kgs**
Total Quantity of Steel in Tonne's							**43.97**	**Tn**
Qty Payable in this bill							**43.97**	**Tn**
Qty Considered							**43.97**	**Tn**

SR CIVIL INFRA PVT BANGALORE

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Project

09/11/2022

Asst.Executive Engineer
Yelahanka Project

Assistant/Junior Engg

Asst. Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Date of Measurement:-

Name of Work: Improvements to roads and drains in Hegdenagara West 3rd and 4th cross Ward No - 06

Item No:	6	17/11/2020
Item Name:	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No.4.6 of PW, P&IWTD SR 2018-19)	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
		RCC DRAIN						
		1st Cross road(East Side)						
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.10	0.60	
	60.00	90.00	1	30.00	0.20	0.15	0.90	
	90.00	120.00	1	30.00	0.20	0.15	0.90	
	120.00	150.00	1	30.00	0.20	0.15	0.90	
	150.00	180.00	1	30.00	0.20	0.15	0.90	
	180.00	210.00	1	30.00	0.20	0.15	0.90	
	210.00	240.00	1	30.00	0.20	0.10	0.60	
	240.00	267.00	1	27.00	0.20	0.10	0.54	
		1st Cross road(West Side)						
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.10	0.60	
	60.00	90.00	1	30.00	0.20	0.15	0.90	
	90.00	120.00	1	30.00	0.20	0.15	0.90	
	120.00	150.00	1	30.00	0.20	0.15	0.90	
	150.00	180.00	1	30.00	0.20	0.15	0.90	
	180.00	210.00	1	30.00	0.20	0.15	0.90	
	210.00	240.00	1	30.00	0.20	0.10	0.60	
	240.00	267.00	1	27.00	0.20	0.10	0.54	
		2nd Cross road 1st main North (East Side)						
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.15	0.90	
	60.00	90.00	1	30.00	0.20	0.15	0.90	
	90.00	109.20	1	19.20	0.20	0.10	0.38	
		2nd Cross road 1st main North (West Side)						
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.10	0.60	
	60.00	90.00	1	30.00	0.20	0.15	0.90	

Assistant/Junior Engg

C&FL
17/11/20

Asst. Executive Engineer

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S.NO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
	2nd Cross road 1st main South(upto 2nd main West side)							
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.15	0.90	
	60.00	90.00	1	30.00	0.20	0.15	0.90	
	90.00	120.00	1	30.00	0.20	0.15	0.90	
	120.00	150.00	1	30.00	0.20	0.15	0.90	
	150.00	180.00	1	30.00	0.20	0.15	0.90	
	180.00	181.10	1	1.10	0.20	0.10	0.02	
	3rd Cross road(East Side)							
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.10	0.60	
	60.00	90.00	1	30.00	0.20	0.15	0.90	
	90.00	120.00	1	30.00	0.20	0.15	0.90	
	120.00	150.00	1	30.00	0.20	0.15	0.90	
	150.00	180.00	1	30.00	0.20	0.10	0.60	
	180.00	187.00	1	7.00	0.20	0.10	0.14	
	3rd Cross road(West Side)							
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.10	0.60	
	60.00	90.00	1	30.00	0.20	0.15	0.90	
	90.00	120.00	1	30.00	0.20	0.15	0.90	
	120.00	150.00	1	30.00	0.20	0.15	0.90	
	150.00	180.00	1	30.00	0.20	0.10	0.60	
	180.00	187.00	1	7.00	0.20	0.10	0.14	
	8th Cross Road (East Side)							
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.10	0.60	
	60.00	90.00	1	30.00	0.20	0.15	0.90	
	90.00	120.00	1	30.00	0.20	0.15	0.90	
	120.00	150.00	1	30.00	0.20	0.15	0.90	
	150.00	180.00	1	30.00	0.20	0.15	0.90	
	180.00	210.00	1	30.00	0.20	0.10	0.60	
	210.00	217.00	1	7.00	0.20	0.10	0.14	
	8th Cross Road (West Side)							
	0.00	30.00	1	30.00	0.20	0.10	0.60	
	30.00	60.00	1	30.00	0.20	0.10	0.60	
	60.00	90.00	1	30.00	0.20	0.15	0.90	

Assistant/Junior Engg

Asst. Executive Engineer

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	D (m)	QTY	unit
	90.00	120.00	1	30.00	0.20	0.15	0.90	
	120.00	150.00	1	30.00	0.20	0.15	0.90	
	150.00	180.00	1	30.00	0.20	0.15	0.90	
	180.00	210.00	1	30.00	0.20	0.10	0.60	
	210.00	217.00	1	7.00	0.20	0.10	0.14	
						Total Qty Work Done	48.82	
						Qty Payable in this bill	48.72	
						Qty Considered	48.72	Cum

SSR CIVIL INFRA PVT LTD BANGALORE

Contractor

Assistant Engineer
Yelahanka Project

Project Management Consultants

17/12/2020

Asst.Executive Engineer
Yelahanka Project

Assistant/Junior Engg

Asst. Executive Engineer

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to roads and drains in Hegdenagara West 3rd and 4th cross Ward No - 06

Detailed Measurements

Item No:	Description of Item	NO	L (m)	B (m)	D (m)	QTY	unit	Rate	Amount
1	KSRDB 300 - Excavation for road, drains and similar works KSRDB 300.1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications MORTH / Chapter 3 (P No-143, I No-19.1)								
	Pre Measurement Qty vide pg no:					2568.63	Cum	225.94	580357.17
2	KSRDB M2100-10 Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal course aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications (P No-222,I No-27.18)								
	Pre Measurement Qty vide pg no:					350.00	Cum	5690.28	1991603.69
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well competed for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete exeluding cost of steel as per MORTH specification no 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P No 271, I No 37.59.2 of PW, P&IWTD S.R 2018-19)								
	Pre-Measurement Qty vide-pg no:					728.33	Cum	7420.17	5404352.45
4	KSRDB - M2300-14 Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, paleing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P No 239, I No 29.29.2 of PW, P&IWTD S.R 2018-19)								
	Pre-Measurement Qty vide-pg no:					43.97	Tn	77654.86	3414405.20
6	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No.4.6 of PW, P&IWTD SR 2018-19)								
	Pre-Measurement Qty vide-pg no:					48.72	Cum	6031.81	293881.96

Contractor

Assistant Engineer
Yelahanka Project

Project Management Consultants

Asst.Executive Engineer
Yelahanka Project

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